

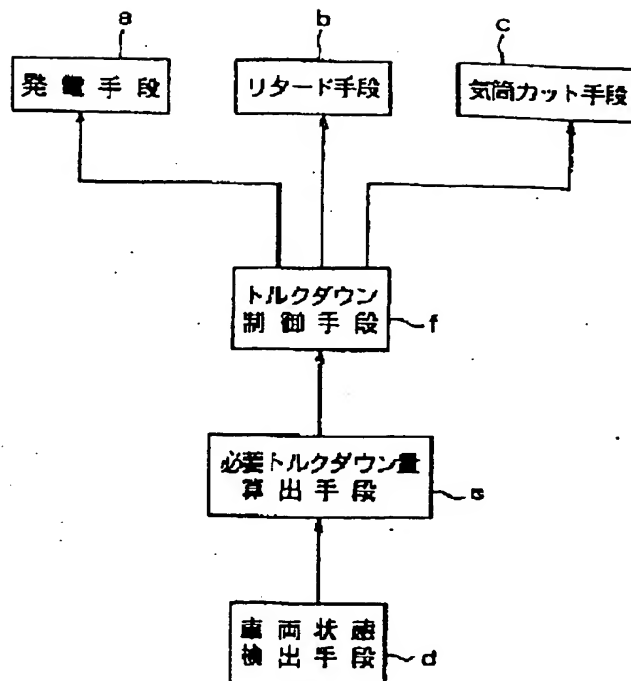
PUBLICATION NUMBER : 05001593  
PUBLICATION DATE : 08-01-93  
APPLICATION DATE : 29-01-91  
APPLICATION NUMBER : 03008842

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INT.CL. : F02D 29/06 F02D 17/02 F02D 29/00  
F02D 41/04 F02D 45/00 F02P 5/15

TITLE : TORQUE-DOWN CONTROLLER BY  
MEANS OF COMPOUND DEVICE



ABSTRACT : PURPOSE: To let a controller have correspondingness to a large torque-down value by performing torque-down control in giving top priority to a power- generating means at the time of calculating the necessary torque-down value according to a driving state, and then operating a retard means and a cylinder cut means or the like for the torque down control.

CONSTITUTION: A-torque-down control means (f), dawning the extent of engine torque at the time of gear shifting or the like at high throttle opening, controls a power generating means (a) being driven by an engine as a torque-down device, a retard means (b) retarding an ignition timing, and a cylinder cut means (c) cutting a fuel spray with at least partial cylinders. When a necessary torque- down value is calculated by a necessary torque-down value calculating means (e) in response to input information out of a vehicle state detecting means (d), first of all, giving top priority to the power generating means (a) to perform the torque-down control, and only when the torque-down value is insufficient with this power generating means (a) alone, the retard means (b) and the cylinder cut means (c), etc., are added to get the actual torque-down value.

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